



### GGP **WATER** MEASURES

- Measure W1:** By July 2009, the Public Works Professional Support Services will develop and implement a uniform rental program that will reduce water use by a minimum of 20% by July 2014. Beginning in July 2009, the Public Works Professional Support Services will provide an annual report that measures progress towards achieving and maintaining the water reduction target and identifies overall program results.
- Measure W2:** By July 2015, the Transportation Agency of Public Works - in partnership with Equipment Services - will develop and implement a program whereby the Transportation Agency of Public Works will construct a sustainable truck and car wash station at the Durango Yard that uses recycled water and properly disposes of dirt and oil. Beginning in July 2013, the Transportation Agency of Public Works will provide an annual report that measures progress in achieving completion by the identified date and identifies overall program results.
- Measure W3:** By July 2012, the Flood Control Agency of Public Works will develop and implement a program where the Flood Control Agency of Public Works will enter into intergovernmental agreements with municipalities to incorporate multi-use features in all flood control projects where feasible. Beginning in July 2011, the Flood Control Agency of Public Works will provide an annual report that measures progress towards achieving and maintaining its intergovernmental agreement program target and identifies overall program results.
- Measure W4:** By July 2010, Planning and Development Department will complete an analysis regarding the feasibility of expedited permitting for buildings that meet "Green" building standards. If deemed feasible, by July 2011, Planning and Development will complete a time frame for implementation. Beginning in July 2009, Planning and Development will prepare an annual report that measures progress towards completion of the feasibility study and implementation and identifies overall program results.
- Measure W5:** By July 2010, the Transportation Agency of Public Works will develop and implement a program consistent with the existing Storm Water Pollution Prevention Plan (SWPPP) program that applies native hydro-seeding to 100% of disturbed river embankments resulting from the Transportation Agency of Public Works projects to reduce erosion, assist with ground water recharge, and encourage natural habitats. Beginning in July 2011, the Transportation Agency of Public Works will provide an annual report that measures progress in achieving and maintaining the 100% target compliance, and which identifies overall program results.

**Measure W6:** By July 2009, the Facilities Management Agency of Public Works will develop and implement a program whereby Facilities Management will remove all feral plants at all new construction project sites and replace these plants with low water use trees and plants. Further, by July 2015, Facilities Management will convert all existing county facilities to low water use trees and plants. Beginning in July 2011, Facilities Management will prepare an annual report that measures progress towards achieving and maintaining the plant replacement target and identifies overall program results.

**Measure W7:** By July 2010, the Facilities Management Agency of Public Works will prepare a study of the viability of using garden roofs with xeriscape landscaping for County buildings. If determined to be viable, then by July 2011 Facilities Management will prepare a program that outlines the steps, methods, and time frames to establish such projects in both new and existing county buildings.

**Measure W8:** By July 2010, the Transportation Agency of Public Works will develop and implement a program that landscapes 100% of new medians, when deemed economically feasible, with native tree plantings and low-maintenance and low-water using native ground cover to help absorb vehicle emissions. Beginning in July 2011, the Transportation Agency of Public Works will provide an annual report that measures progress in achieving and maintaining the 100% target compliance and identifies overall program results.

**Measure W9:** By July 2020, the Transportation Agency of Public Works will replace 80% of turf areas within rights-of-way in Sun City with desert landscaping, drought resistant plants, and/or artificial turf. Beginning in July 2016, the Transportation Agency of Public Works will provide an annual report that measures progress in achieving and maintaining its replacement target and identifies overall program results.

**Measure W10:** By July 2011, the Facilities Management Agency of Public Works will develop and implement a program to help Maricopa County recognize a 10% reduction in water usage per sq. ft. from July 2005 baseline levels in county-owned / managed facilities, utilizing techniques such as the following:

- 100% of all water usage will be monitored. Conservation opportunities will be identified and initiated by using water flow submeters installed in 2007 at the three Durango jails.

Beginning in July 2010, Facilities Management will provide an annual report that measures progress towards achieving and maintaining the program targets and identifies overall program results.

**Measure W11:** By July 2012, the Facilities Management Agency of Public Works will install, where practical, the following fixtures in all restrooms in county-owned buildings:

- water-free urinals
- low-flow fixtures
- faucets with sensors and automatic controls

Beginning in July 2011, Facilities Management will prepare an annual report that measures progress towards installation targets, and which identifies overall program results.

**Measure W12:** By July 2009, the Facilities Management Agency of Public Works will prepare a study of the viability of using non-potable water for landscape irrigation, toilet and urinal flushing, custodial purposes, and building systems. If viability is established, then by July 2011 Facilities Management will prepare a cost-benefit analysis for the program and report to County Management. Beginning in July 2011, Facilities Management will prepare an annual report that measures progress towards study results.

**Measure W13:** By July 2013, the Facilities Management Agency of Public Works will prepare and implement a program whereby Facilities Management will reconfigure all air conditioning drainage lines in all County buildings to recycle condensate water from evaporator coils for other uses, including irrigation, cooling towers, and/or toilet flushing. Beginning in July 2013, Facilities Management will prepare an annual report that measures progress towards program implementation and identifies overall program results.

**Measure W14:** By July 2010, the Facilities Management Agency of Public Works will prepare and implement a program whereby Facilities Management will certify that all newly proposed construction projects for County facilities incorporate grey water reuse. Beginning in July 2011, Facilities Management will provide an annual report that measures progress towards achieving and maintaining the grey water reuse target and identifies overall program results.

**Measure W15:** By July 2010, Planning and Development will prepare criteria for Board of Supervisors consideration and adoption that addresses common space landscaping, water conserving irrigation methods, paving/hard surface limitations, lot coverage, parking lot landscaping, etc. Once approved by the Board of Supervisors, Planning and Development will provide an annual report that measures progress in achieving compliance with the Board-adopted criteria and identifies overall program results.

**Measure W16:** By July 2010, Planning and Development will prepare criteria for Board of Supervisors consideration and adoption that addresses methods for water

conservation in building design and building fixtures. Once approved by the Board of Supervisors, Planning and Development will provide an annual report that measures progress in achieving compliance with Board-adopted criteria and identifies overall program results.

**Measure W17:** By July 2015, the Transportation Agency of Public Works will prepare a feasibility study regarding the use of porous pavement on new paving projects to supplement storm water management programs and help filter rain water before it percolates into the ground. Beginning in July 2012, the Transportation Agency of Public Works will provide an annual report that measures progress towards completion of the feasibility study.

**Measure W18:** By July 2010, the Solid Waste Agency of Public Works will develop and implement a program whereby the Solid Waste Agency of Public Works will organize an Illegal Dumping program and task force of County agencies. Beginning in July 2009, the Solid Waste Agency of Public Works will provide an annual report that measures progress towards achieving and maintaining the program and task force and identifies overall program results.